# ELECTRONIC DRIVER FOR TL BALLASTS

**DATA BRIEF** 

TYPE	B <sub>V</sub>	I <sub>crms</sub>
VK06TL	600 V	0.7 A
VK06TLS		

- EMITTER SWITCH POWER OUTPUT STAGE
- INTEGRATED ANTIPARALLEL COLLECTOR GROUND DIODE
- ACCURATE (5% PRECISION) t<sub>ON</sub> CONTROL
- INTEGRATED DIAC FUNCTION
- INTEGRATED PREHEATING FUNCTION
- INTEGRATED END OF LIFE PROTECTION
- INTEGRATED THERMAL PROTECTION
- SELF-SUPPLIED DURING OPERATION

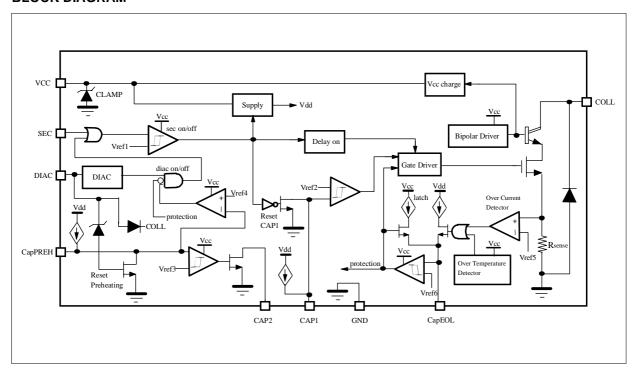
# SO-16 SIP-9 ORDER CODES PACKAGE TUBE T&R SO-16 VK06TL VK06TL13TR SIP-9 VK06TLS -

### **DESCRIPTION**

The VK06TL, VK06TLS is a monolithic device made using STMicroelectronics proprietary VIPower M3-3 Technology. A complete half-bridge converter can be realized using two VK06TL devices as low side and high side drivers.

Through some external components it is possible to set the pre-heating frequency, the pre-heating duration, the steady-state frequency and the End of Life (EoL) protection.

## **BLOCK DIAGRAM**



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This is preliminary information on a new product now in development. Details are subject to change without notice.

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